

## EAST Search History

| Ref # | Hits   | Search Query                                  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| L1    | 2570   | 345/60.ccls.                                  | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:43 |
| L2    | 867    | 1 and ((sub adj frame) or<br>(sub adj field)) | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:44 |
| L3    | 292663 | "345"/ "63".ccls.                             | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:44 |
| L4    | 1762   | 3 and ((sub adj frame) or<br>(sub adj field)) | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:44 |
| L5    | 285    | 4 and (Flicker)                               | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:45 |
| L6    | 124    | 345/72.ccls.                                  | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:45 |
| L7    | 1893   | 345/690.ccls.                                 | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:45 |
| L8    | 232    | 7 and ((sub adj frame) or<br>(sub adj field)) | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:45 |
| L9    | 33     | 345/693.ccls.                                 | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/27<br>19:46 |

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| S1  | 17628 | selec\$4 with subfield or subframe                              | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/23 21:48 |
| S2  | 3688  | two near consecut\$5 with line                                  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 20:59 |
| S3  | 21    | S1 and S2   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 21:05 |
| S4  | 12340 | "RMS" with voltage  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 21:05 |
| S5  | 310   | subfield near2 pixel  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 21:06 |
| S6  | 2     | S4 and S5   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 21:06 |
| S7  | 3096  | 345/204.cols.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/18 21:07 |
| S8  | 336   | S7 and (each subfield or subframe with different scan adj line) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/23 22:03 |
| S9  | 1     | ("6661428").PN.   | US_PGPUB; USPAT  | OR | OFF | 2007/06/23 21:49 |
| S10 | 1     | ("6924824").PN.   | US_PGPUB; USPAT  | OR | OFF | 2007/06/23 21:50 |

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|-----|------|---|---|----|-----|---------------------|
| S11 | 1    | ("6611261").PN.   | US_PGPUB;<br>USPAT  | OR | OFF | 2007/06/23<br>21:51 |
| S12 | 1    | ("5953002").PN.   | US_PGPUB;<br>USPAT  | OR | OFF | 2007/06/23<br>21:52 |
| S13 | 1    | ("6144364").PN.   | US_PGPUB;<br>USPAT  | OR | OFF | 2007/06/23<br>22:02 |
| S15 | 2798 | 345/60-63.ccls.   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23<br>22:03 |
| S16 | 3106 | 345/204.cols.   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23<br>22:03 |
| S17 | 410  | S16 and (each subfield or subframe with different scan adj line)                                  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23<br>22:04 |
| S18 | 410  | S16 and S17   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23<br>22:06 |
| S19 | 178  | S18 and @ad<"20021031"  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23<br>22:08 |
| S20 | 155  | ((pul\$1 adj width adj modul\$4) Or (PWM)) Near4 (RMS) OR (root adj mean adj squ\$5 adj velocity) | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>12:11 |
| S21 | 942  | ((pul\$1 adj width adj modul\$4) Or (PWM)) Near4 (RMS) OR (root adj mean adj squ\$5 adj voltage)  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>12:11 |

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| S22 | 0  | S21 and frame adj period near2 pixel  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>12:11 |
| S23 | 18 | S21 and (frame adj period with pixel) | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>13:13 |
| S24 | 3  | "6924824"                             | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>13:50 |
| S25 | 2  | "2000105510"                          | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>13:50 |
| S26 | 3  | "20020105510"                         | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>13:56 |
| S27 | 11 | "6038001"                             | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>14:04 |
| S28 | 31 | "6144364"                             | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24<br>14:05 |
| S29 | 1  | ("6144364").PN.                       | US_PGPUB;<br>USPAT  | OR | OFF | 2007/06/24<br>14:05 |
| S30 | 21 | ("6144364").URPN.                     | USPAT   | OR | ON  | 2007/06/24<br>14:31 |
| S31 | 2  | "6924824"                             | USPAT   | OR | ON  | 2007/06/24<br>15:28 |
| S32 | 0  | 10/533019                             | USPAT   | OR | ON  | 2007/06/24<br>15:28 |

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| S33 | 1  | 10/533019                       | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/24<br>15:47 |
| S34 | 74 | frame length control            | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:51 |
| S35 | 0  | S34 and (sub?field\$1)          | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:52 |
| S36 | 0  | S34 and (sub near1field<br>\$1) | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:52 |
| S37 | 0  | S34 and (sub-field\$1)          | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:52 |
| S38 | 2  | S34 and (sub-frame)             | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:53 |
| S39 | 12 | S34 and display                 | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>15:59 |
| S40 | 5  | "6661428"                       | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/06/24<br>16:07 |

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| S41 | 17  | (subfield\$1 or sub-field\$1 or sub- frame or (sub adj frame)) NEAR2 (frame adj length) with (frame adj rate)               | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:31 |
| S42 | 0   | (subfield\$1 or sub-field\$1 or sub- frame or (sub adj frame)) NEAR2 (frame adj length) with (frame adj rate) with (scheme) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:28 |
| S43 | 0   | S34 and S41   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:28 |
| S44 | 8   | S41 and "155"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:29 |
| S45 | 0   | S41 and S20   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:29 |
| S46 | 1   | (frame adj rate)And (frame adj length) near2 (control adj scheme)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:32 |
| S47 | 0   | (frame adj rate) NEAR4 (frame adj length) near2 (control adj scheme)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:33 |
| S48 | 288 | ((frame adj rate) NEAR4 (sub-frame\$1) OR (sub adj frame)) NEAR2 control  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/24 16:34 |

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| S49 | 105 | S48 and display                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/06/24<br>16:34 |
| S50 | 0   | ("2006/0066592").URPN.             | USPAT   | OR  | ON  | 2007/06/24<br>18:29 |
| S51 | 0   | ("2006/0066592").URPN.             | USPAT   | OR  | ON  | 2007/06/24<br>19:27 |
| S52 | 1   | ("5953002").PN.                    | US-PGPUB;<br>USPAT  | OR  | OFF | 2007/06/24<br>19:30 |
| S53 | 1   | ("6144364").PN.                    | US-PGPUB;<br>USPAT  | OR  | OFF | 2007/06/24<br>19:42 |
| S54 | 4   | "2002010551"                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/06/24<br>19:43 |
| S55 | 3   | "20020105510"                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/06/24<br>20:14 |
| S56 | 1   | ("20020105510").PN.                | US-PGPUB;<br>USPAT  | OR  | OFF | 2007/06/24<br>20:42 |
| S57 | 0   | ("Greef.in.").PN.                  | US-PGPUB;<br>USPAT  | OR  | OFF | 2007/06/24<br>20:42 |
| S58 | 256 | Greef.in.                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/06/24<br>20:42 |
| S59 | 0   | Greef-petrus.in.                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/06/24<br>20:43 |
| S60 | 0   | petrus-greef.in.                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/06/24<br>20:43 |
| S61 | 11  | ((ROY) near2 ("VAN<br>DIJK")).INV. | USPAT   | OR  | ON  | 2007/06/24<br>20:46 |

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|-----|--------|------------------------------------|---|----|----|---------------------|
| S62 | 8      | ((PETRUS) near2 ("DE GREEF')).INV. | US_PGPUB;<br>USPAT                                      | OR | ON | 2007/06/24<br>20:51 |
| S63 | 2366   | 345/60.ccls.                       | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:39 |
| S64 | 566647 | (overlap)                          | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:39 |
| S65 | 286    | S63 and (overlap)                  | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:39 |
| S66 | 968    | 345/63.ccls.                       | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:39 |
| S67 | 29     | S65 and S66                        | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:39 |
| S68 | 120    | 345/72.ccls.                       | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:40 |
| S69 | 743    | 345/77.ccls.                       | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:40 |
| S70 | 1656   | 345/690.ccls.                      | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:40 |
| S71 | 3      | S65 and S70                        | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:41 |
| S72 | 29     | 345/693.ccls.                      | US_PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/16<br>18:41 |

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| S73 | 1 | ("6924824").PN. | US-PPGPUB;<br>USPAT | OR | OFF | 2009/02/27<br>14:09 |
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2/27/2009 7:46:32 PM

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